

# Claims

- [c1] 1. An IOL comprising:
  - an optic;
  - a haptic;
  - a flexible membrane substantially encircling the optic and connected between the optic and the haptic, the flexible membrane having a flexibility greater than the optic and greater than the haptic.
- [c2] 2. The IOL of claim 1 wherein the membrane is discontinuous about the optic.
- [c3] 3. The IOL of claim 1 wherein the membrane is formed of a plurality of membranes each extending along a section of the circumference about the optic such that the plurality of membranes together substantially encircle the optic.
- [c4] 4. The IOL of claim 3 wherein the plurality of membranes are independent from each other.
- [c5] 5. The IOL of claim 3 including gaps formed between at least some of the plurality of membranes.
- [c6] 6. The IOL of claim 1 wherein the haptic is discontinuous

about the optic.

- [c7] 7.The IOL of claim 5 wherein the haptic includes gaps adjacent the gaps of the membrane.
- [c8] 8.The IOL of claim 1 wherein the membrane is formed of two membranes each extending along a section of the circumference about the optic such that the plurality of membranes together substantially encircle the optic.
- [c9] 9.The IOL of claim 1 wherein the membrane is formed of four membranes each extending along a section of the circumference about the optic such that the plurality of membranes together substantially encircle the optic.
- [c10] 10.The IOL of claim 1 wherein the membrane is formed at an angle relative to a plane through the optic.
- [c11] 11.The IOL of claim 10 wherein the membrane forms a frustoconical surface tapering at an angle relative to the plane of the optic.
- [c12] 12.The IOL of claim 11 wherein the angle is between about 5 to 15 degrees.
- [c13] 13.The IOL of claim 1 wherein the membrane is supported by a support ring attached about the membrane's outer edges.

- [c14] 14.The IOL of claim 13 wherein the support ring is formed of segments.
- [c15] 15.The IOL of claim 1 wherein the haptic is plate shaped.
- [c16] 16.The IOL of claim 1 wherein the haptic is frog leg shaped.
- [c17] 17.The IOL of claim 1 wherein the haptic is pie shaped.
- [c18] 18.The IOL of claim 1 wherein the optic is a liquid form.
- [c19] 19.The IOL of claim 1 wherein the optic is a solid form.